

Florida Department of Environmental Protection

Central Laboratory Submittal Form

1329Z, 1329P, 1392A

last revised Apr 7, 2016

Customer: SW-DIST

Requester: Judy Ashton

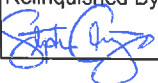
Field Report Prepared By: S. CLINGERMAN

Project ID: SMP

Collected By: S. CLINGERMAN / A. SALMERON

Sampling Agency: DEP SWDC - ZIFLTPA

Location LAKE IOLA EAST		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 05/03/16 Time 0910	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2) A	
Field ID RQ-2016-05-02-73 Date: 05/03/16 Time: _____	 G5SW0019 65500019	Matrix (type, e.g., Salt, Fresh, etc.) FRESH		Diss. Oxygen 8.6 109	☒ mg/L ☒ % sat		Total Res. Chlorine (mg/L)
STORE		Temp (C) 27.8	pH 8.9	Sample Depth 0.3	☐ ft ☒ m		Sp. Conductance (umho/cm) 147
Latitude	☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.07	Comments			
Location LAKE IOLA WEST		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 05/03/16 Time 0925	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2) A	
Field ID RQ-2016-05-02-73 Date: 05/03/16 Time: _____	 G5SW0018 65500018	Matrix (type, e.g., Salt, Fresh, etc.) FRESH		Diss. Oxygen 9.0 114	☒ mg/L ☒ % sat		Total Res. Chlorine (mg/L)
STORE		Temp (C) 27.8	pH 9.0	Sample Depth 0.3	☐ ft ☒ m		Sp. Conductance (umho/cm) 147
Latitude	☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.07	Comments			
Location NEFF LAKE SW		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 05/03/16 Time 1010	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2) A	
Field ID RQ-2016-05-02-73 Date: 05/03/16 Time: _____	 G4SW0089 64500089	Matrix (type, e.g., Salt, Fresh, etc.) FRESH		Diss. Oxygen 8.9 116	☒ mg/L ☒ % sat		Total Res. Chlorine (mg/L)
STORE		Temp (C) 28.7	pH 8.5	Sample Depth 0.3	☐ ft ☒ m		Sp. Conductance (umho/cm) 87
Latitude	☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.04	Comments			
Location NEFF LAKE SE		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 05/03/16 Time 1020	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2) A	
Field ID RQ-2016-05-02-73 Date: 05/03/16 Time: _____	 G4SW0090 64500090	Matrix (type, e.g., Salt, Fresh, etc.) FRESH		Diss. Oxygen 7.8 100	☒ mg/L ☒ % sat		Total Res. Chlorine (mg/L)
STORE		Temp (C) 28.2	pH 7.9	Sample Depth 0.3	☐ ft ☒ m		Sp. Conductance (umho/cm) 86
Latitude	☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.04	Comments			

Relinquished By: 	Date/Time 05/03/16 1700	Shipping Method FedEx	Number of Coolers Shipped: 3	Received By: W	Date/Time 5/4/16 9:30
--	-----------------------------------	---------------------------------	--	--------------------------	---------------------------------

Group: A	Bottle Type:	P-1L	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab	10
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	P-1L	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab	10
	BOD-UNIN						
Group: A	Bottle Type:	BP-1L	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab	10
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 10	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	10
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 10	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	10
	W-PO4-F						

1329Z, 1329P, 1392A

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SW-DIST

Requester: Judy Ashton

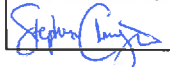
Field Report Prepared By: S. CLINGERMAN

Project ID: SMP

Collected By: S. CLINGERMAN / A. SALMERON

Sampling Agency: FDEP-SWROC-ZIPFLA

Location NEFF LAKE N		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 05/03/16 Time 1035	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2) A	
Field ID RQ-2016-05-02-73 Date: 05/03/16 Time: _____	 G4SW0088 64500088	Matrix (type, e.g., Salt, Fresh , etc) FRESH	Diss. Oxygen 8.1 105	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
STOF		Temp (C) 28.4	pH 8.2	Sample Depth 0.3	☐ ft ☒ m		Sp. Conductance (umho/cm) 87
Latitude ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.04	Comments				
Location NEFF LAKE C		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 05/03/16 Time 1045	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) A	
Field ID RQ-2016-05-02-73 Date: 05/03/16 Time: _____	 G4SW0087 64500087	Matrix (type, e.g., Salt, Fresh , etc) FRESH	Diss. Oxygen 8.1 99	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
STORE		Temp (C) 28.7	pH 8.5	Sample Depth 0.3	☐ ft ☒ m		Sp. Conductance (umho/cm) 87
Latitude ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.04	Comments				
Location DOWLING LAKE 1		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 05/03/16 Time 1135	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) A	
Field ID RQ-2016-05-02-73 Date: 05/03/16 Time: _____	 G4SW0083 64500083	Matrix (type, e.g., Salt, Fresh , etc) FRESH	Diss. Oxygen 5.8 72	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
STORET		Temp (C) 28.3	pH 6.5	Sample Depth 0.3	☐ ft ☒ m		Sp. Conductance (umho/cm) 108
Latitude ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.05	Comments				
Location DOWLING LAKE 2		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 05/03/16 Time 1145	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) A	
Field ID RQ-2016-05-02-73 Date: 05/03/16 Time: _____	 G4SW0084 64500084	Matrix (type, e.g., Salt, Fresh , etc) FRESH	Diss. Oxygen 5.8 69	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
STORET		Temp (C) 28.5	pH 6.5	Sample Depth 0.3	☐ ft ☒ m		Sp. Conductance (umho/cm) 108
Latitude ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.05	Comments				

Relinquished By: 	Date/Time 05/03/16 1700	Shipping Method FedEx	Number of Coolers Shipped: 3	Received By: ca	Date/Time 5/4/16 9:30
--	-----------------------------------	---------------------------------	--	---------------------------	---------------------------------

Group: A	Bottle Type:	P-1L	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	P-1L	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	BOD-UNIN					
Group: A	Bottle Type:	BP-1L	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 10	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 10	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab
	W-PO4-F					

Central Laboratory Submittal Form

Customer: SW-DIST

Requester: Judy Ashton

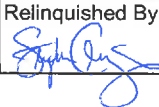
Field Report Prepared By: S. CLINGERMAN

Project ID: SMP

Collected By: S. CLINGERMAN / A. SALMERON

Sampling Agency: FDEP-SURCC-ZIELTPA

Location <u>DOWLING LAKE 3</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>05/03/16</u> Time <u>1155</u>		<u>Eastern</u> Central	Composite end Date _____ Time _____		Bottle Group(s) (See pg 2) <u>A</u>
Field ID RQ-2016-05-02-73 Date: 05/03/16 Time: _____ 		Matrix (type, e.g., Salt, Fresh, etc) <u>FRESH</u>		Diss. Oxygen <u>5.9</u> <u>74</u>	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L) _____		
STORET #		Temp (C) <u>28.4</u>	pH <u>6.6</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>108</u>		
Latitude ☐ dd ☐ dms		Salinity (ppt) <u>0.05</u>		Comments				
Location <u>DOWLING LAKE 4</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>05/03/16</u> Time <u>1205</u>		<u>Eastern</u> Central	Composite end Date _____ Time _____		Bottle Group(s) <u>A</u>
Field ID RQ-2016-05-02-73 Date: 05/03/16 Time: _____ 		Matrix (type, e.g., Salt, Fresh, etc) <u>FRESH</u>		Diss. Oxygen <u>5.6</u> <u>70</u>	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L) _____		
STORET #		Temp (C) <u>28.2</u>	pH <u>6.6</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>108</u>		
Latitude ☐ dd ☐ dms		Salinity (ppt) <u>0.05</u>		Comments				
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____		Eastern Central	Composite end Date _____ Time _____		Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
STORET #		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms				
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____		Eastern Central	Composite end Date _____ Time _____		Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
STORET #		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms				

Relinquished By: 	Date/Time <u>05/03/16</u> <u>1700</u>	Shipping Method <u>FedEx</u>	Number of Coolers Shipped: <u>3</u>	Received By: 	Date/Time <u>5/4/16</u> <u>9:30</u>
--	--	---------------------------------	--	---	--

Group: A	Bottle Type:	P-1L	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	P-1L	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	BOD-UNIN					
Group: A	Bottle Type:	BP-1L	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 10	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 10	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab
	W-PO4-F					

Date of Request: 14-APR-2016
 Created By: ASHTON_J On: 14-APR-2016
 Modified By: SWANSON_C On: 15-APR-2016
 Customer: SW-DIST
 Project: SMP
 Division:
 District: Southwest District
 Sampling Event: 1329Z, 1329P, 1392A

Send Coolers To:

Phone: 813-470-5951
 FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Matthew Bearden

Program Module Number:
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 15-APR-2016
 Biology Request Reviewed By: SWANSON_C On: 15-APR-2016
 Sampling Kit Required: YES Ship on: 22-APR-2016
 Sampling Kit Shipped: YES On: 21-APR-2016
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 03-MAY-2016
 Received By:

Send Final Report To:

FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Stephen Clingerman

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments:**Bottle Group A (Water) With 10 Samples:**

Bottle Type: P-1L	Number of Bottles: 10	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO ₄ -IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
Bottle Type: P-1L	Number of Bottles: 10	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: BP-1L	Number of Bottles: 10	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 10	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 10	Preserved With: ICE-FLTR
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Log-in Checklist

RQ- 2016-05-02-73

Shipping Method: Fedex

Date/Time of Receipt: 5/4/16 9:35

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
			Yes	No	Yes	No	
Red	1.8	16		✓			8092 3436 1941
Red	2.8	8		✓			8092 3436 2753
Red	1.8	16		✓			

*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

****Note:** If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an NCR.

**Chain Of Custody/ Field Sheet(s) Included? Yes ☒ No ☐

CONTAINER CHECK

**Evidence Tape on Bottles? Yes ☐ No ☒ If yes, is it intact? Yes ☐ No ☐

**Caps on tight? Yes ☒ No ☐ **Containers intact? Yes ☒ No ☐

**Sufficient Sample Volume: Yes ☒ No ☐

CHLORINE CHECK (Blue dot on container)

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-AHERB-AA (-AHB-AA-R)			W-PCL-SQ (-R)		
W-BNA (-625, -R)		☒	W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R					

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: W

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes ☐ No ☐ NA ☒ Init: W

Coolers Unpacked/Checked by: W Date: 5/4/16 NCRs (Y/N)? N

Event ID: SW-DEFT-2016-05-04-01 NCR #

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ No ✓

Date and Time Placed in Freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ No _____

If no, were samples shipped on dry ice? Yes _____ No _____

FOR CLEAN LAB USE ONLY – Methyl Mercury Preservation Check:

Samples Preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____

Additional Comments: